

0051Z 31 DEC 64

SECRET

25X1A
TO DIRECTOR

FROM

ACTION:

INFO :

25X1A TOR: 0111Z 31 DEC 64

25X1A

TO PRIORITY

INFO

OXCART FLTEST OPS

25X1A

1. ARTICLE 132 MADE FLIGHT 30, SORTIE 1-T-64-655 ON 30 DEC 64.

TAKEOFF AT 0600 HOURS, LANDING AT 0825 HOURS FOR 2 HOURS AND 25 MINUTES. MISSION UNSUCCESSFUL. GROSS WEIGHT 116,200 POUNDS, C.G. 21.8 PER CENT, TAKEOFF DISTANCE 6800 FEET, TAKEOFF SPEED 219 KNOTS, PRESSURE ALTITUDE 4370 FEET, TEMPERATURE 07 DEGREES, WIND CALM, MAX SPEED 2.8 MACH, MAX ALTITUDE 75,000 FEET, TIME OVER 2.0 MACH THIS FLIGHT 30 MINUTES, TIME OVER 2.6 MACH THIS FLIGHT 20 MINUTES, TOTAL AIRCRAFT TIME 36:54. PURPOSE: PACEMAKER NBR 5. CONFIGURATION: 2.8. Q BAY AND SPECIAL EQUIPMENT: TYPE 1.

2. SUMMARY: NORMAL TAKEOFF AND CLIMB. INLET ROUGHNESS WAS NOTED FROM MACH 2 TO 2.8. DURING RIGHT TURN AT 75,000 FEET AND 2.8 MACH AD OCCURRED ON RIGHT ENGINE WITH AUTOMATIC RESTART. IMMEDIATELY AFTER RESTART FOUR MORE ADS OCCURRED ON RIGHT ENGINE WITH AUTO RESTART. DURING ONE OF RIGHT ADS, A LEFT AD OCCURRED WITH AB BLOWOUT. IT REQUIRED THREE ATTEMPTS BEFORE AB RELIGHT WAS

USAF review(s)
completed.

SECRET

GROUP 1
EXCLUDED FROM AUTO-
MATIC DOWNGRADING
AND DECLASSIFICATION

25X1A

IN 65066)

S E C R E T

PAGE TWO

SUCCESSFUL. TWO MORE ADS OCCURRED ON RIGHT ENGINE DURING LEVEL FLIGHT WITH AUTO RESTART. INS AUTO NAV AUTO DESTINATION USED AND APPEARED GOOD, ALTHOUGH THERE WAS A 10 DEGREE LEFT BIAS IN INS STEERING NEEDLE WHILE MAINTAINING PROPER COURSE. PACKAGE EQUIPMENT FAILURE LIGHT CAME ON WHEN PACKAGE WAS PLACED IN OPERATE MODE. CAUSE OF FAILURE UNKNOWN AT THIS TIME. RELIABLE ARC-50 DME WAS NOT ESTABLISHED UNTIL 180 NM. SOME WAS ACCURATE FROM 180 NM TO 09 NM. ADF BEARINGS WERE GOOD ALTHOUGH ADF NEEDLE WAS 180 DEGREES OUT OF PHASE. AIR REFUELING ACCOMPLISHED AT 30,000 FEET WITH AN ONLOAD OF 30,000 LBS. AIR REFUELING WAS DISCONTINUED WHEN CHASE PILOT NOTED A FILLET PANEL ON LOWER LEFT SIDE WAS LOOSE. MISSION WAS ABORTED AT THIS TIME. ON LANDING CHUTE DEPLOY/JETTISON NORMAL. LIFE SUPPORT EQUIPMENT SATISFACTORY. REFLECTION SEVERE. NEW PARACHUTE AND SLEEPING BAG CUSHION SATISFACTORY.

END OF MESSAGE